

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--|------------------|---------|---------------------|
| S4    | 2    | "0777384"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/09/12<br>15:28 |
| L1    | 2    | "20020075407"   | US-PGPUB;<br>USPAT; USOCR                                      | ADJ              | ON      | 2009/09/15<br>12:47 |
| S52   | 2    | "20020075407"   | US-PGPUB;<br>USPAT; USOCR                                      | ADJ              | ON      | 2009/09/14<br>17:24 |
| L24   | 51   | "348".clas. and edge<br>near3 map with<br>threshold\$4                    | US-PGPUB;<br>USPAT   | ADJ              | ON      | 2009/09/15<br>17:28 |
| L25   | 31   | "348".clas. and edge<br>near3 map with<br>threshold\$4 and<br>@ay<="2003" | US-PGPUB;<br>USPAT   | ADJ              | ON      | 2009/09/15<br>17:28 |
| S33   | 80   | "5,438,357"   | US-PGPUB;<br>USPAT; USOCR                                      | ADJ              | ON      | 2009/09/14<br>14:08 |
| S35   | 41   | "5,438,357" and<br>(overlay or superimpos\$<br>or impos\$)                | US-PGPUB;<br>USPAT; USOCR                                      | ADJ              | ON      | 2009/09/14<br>14:09 |
| S34   | 86   | "5371534"   | US-PGPUB;<br>USPAT; USOCR                                      | ADJ              | ON      | 2009/09/14<br>14:08 |
| S1    | 16   | "5936610"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/09/12<br>15:23 |
| S7    | 17   | "5956180"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/09/12<br>15:31 |
| L27   | 57   | "5978518"   | US-PGPUB;<br>USPAT   | ADJ              | ON      | 2009/09/15<br>18:04 |
| L7    | 62   | "6,272,231"   | US-PGPUB;<br>USPAT   | ADJ              | ON      | 2009/09/15<br>15:27 |
| S6    | 10   | "6262746"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/09/12<br>15:30 |

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| S10 | 29 | "6339842"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/12<br>15:38 |
| S42 | 27 | "6509926"   | US-PGPUB;<br>USPAT; USOCR                                      | ADJ | ON | 2009/09/14<br>16:51 |
| S8  | 60 | "6919892"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/12<br>15:32 |
| S43 | 1  | "6937265"   | US-PGPUB;<br>USPAT; USOCR                                      | ADJ | ON | 2009/09/14<br>16:53 |
| S44 | 1  | "6937265" and<br>transparen\$   | US-PGPUB;<br>USPAT; USOCR                                      | ADJ | ON | 2009/09/14<br>16:53 |
| S45 | 7  | "7206029"   | US-PGPUB;<br>USPAT; USOCR                                      | ADJ | ON | 2009/09/14<br>16:54 |
| S2  | 3  | "7522217"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/12<br>15:28 |
| S5  | 24 | "777384"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/12<br>15:28 |
| L14 | 5  | ("20060017855"  <br>"20070035641"  <br>"5832134"   "6058218"<br>  "6741755").PN.  | US-PGPUB;<br>USPAT; USOCR                                      | ADJ | ON | 2009/09/15<br>16:35 |
| S13 | 15 | ("2479198"  <br>"5491507").PN. OR<br>("5886735").URPN.  | US-PGPUB;<br>USPAT; USOCR                                      | ADJ | ON | 2009/09/12<br>15:47 |
| S37 | 22 | ("4988981"   "5107443"<br>  "5412775"  <br>"5481297"   "5528744"<br>  "5574836"  <br>"5651107"   "5801704").<br>PN. OR ("5936610").<br>URPN.                          | US-PGPUB;<br>USPAT; USOCR                                      | ADJ | ON | 2009/09/14<br>15:34 |
| S11 | 33 | ("5038211"   "5371534"<br>  "5504933"  <br>"5515099"   "5534914"<br>  "5600364"  <br>"5689553"   "5701161"<br>  "5818513"  <br>"6128033").PN. OR<br>("6339842").URPN. | US-PGPUB;<br>USPAT; USOCR                                      | ADJ | ON | 2009/09/12<br>15:38 |

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|-----|-------|---|--|-----|----|---------------------|
| S31 | 36    | ("5136581"   "5408274"<br>  "5453780"  <br>"5515099"   "5555017"<br>  "5563882"  <br>"5585850"   "5600646"<br>  "5680392"  <br>"5684527"   "5696813"<br>  "5708732"  <br>"5745161"   "5751338"<br>  "5793415"  <br>"5796434"   "5832135"<br>  "5862329"  <br>"5872922"   "5886734"<br>  "5889945"  <br>"5916302"   "5951637"<br>  "5961589"  <br>"5963547"   "5995490"<br>  "5999208"  <br>"6154778"   "6201859"<br>  "6219412"  <br>"6263507"   "6404811"<br>  "6535592"  <br>"6584077").PN. OR<br>("2001/0033324"  <br>"7542068").URPN. | US-PGPUB;<br>USPAT; USOCR                                      | ADJ | ON | 2009/09/13<br>16:28 |
| S38 | 46    | ("5235420"  <br>"5260783").PN. OR<br>("5481297").URPN.  | US-PGPUB;<br>USPAT; USOCR                                      | ADJ | ON | 2009/09/14<br>15:42 |
| S53 | 46    | ("5235420"  <br>"5260783").PN. OR<br>("5481297").URPN.  | US-PGPUB;<br>USPAT; USOCR                                      | ADJ | ON | 2009/09/14<br>18:23 |
| S12 | 7     | ("5886735"   "6061716"<br>  "6084628"  <br>"6339842"   "6546016"<br>  "6600725").PN. OR<br>("7277117").URPN.  | US-PGPUB;<br>USPAT; USOCR                                      | ADJ | ON | 2009/09/12<br>15:44 |
| S32 | 7     | ("5886735"   "6061716"<br>  "6084628"  <br>"6339842"   "6546016"<br>  "6600725").PN. OR<br>("7277117").URPN.  | US-PGPUB;<br>USPAT; USOCR                                      | ADJ | ON | 2009/09/13<br>16:29 |
| S36 | 2     | ("5936610").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/14<br>15:32 |
| S49 | 40100 | (edge or sharpening)<br>and conferenc\$ and<br>@ay<="2003"  | US-PGPUB;<br>USPAT; USOCR                                      | ADJ | ON | 2009/09/14<br>17:00 |
| S50 | 59    | (edge or sharpening)<br>and tele conferenc\$ and<br>@ay<="2003"   | US-PGPUB;<br>USPAT; USOCR                                      | ADJ | ON | 2009/09/14<br>17:00 |

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| S51 | 2562    | (edge or sharpening) and video conferenc\$ and @ay<="2003"  | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/14 17:00 |
| S46 | 1367941 | (overlay or superimpos\$ or impos\$)  | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/14 16:55 |
| L4  | 25      | (US-20080297586-\$ or US-20040196360-\$ or US-20010033324-\$ or US-20040012717-\$ or US-20020075407-\$).did. or (US-6919892-\$ or US-7433535-\$ or US-6771303-\$ or US-7277117-\$ or US-7443447-\$ or US-6339842-\$ or US-5886735-\$ or US-6774869-\$ or US-6263507-\$ or US-6211903-\$ or US-6078349-\$ or US-5500671-\$ or US-6590601-\$ or US-7190388-\$ or US-7176945-\$ or US-5574836-\$ or US-5481297-\$ or US-6256785-\$ or US-5936610-\$ or US-7206029-\$).did. | US-PGPUB; USPAT        | ADJ | ON | 2009/09/15 15:24 |
| S40 | 23      | (US-20080297586-\$ or US-20040196360-\$ or US-20010033324-\$ or US-20040012717-\$).did. or (US-6919892-\$ or US-7433535-\$ or US-6771303-\$ or US-7277117-\$ or US-7443447-\$ or US-6339842-\$ or US-5886735-\$ or US-6774869-\$ or US-6263507-\$ or US-6211903-\$ or US-6078349-\$ or US-5500671-\$ or US-6590601-\$ or US-7190388-\$ or US-7176945-\$ or US-5574836-\$ or US-5481297-\$ or US-6256785-\$ or US-5936610-\$).did.                                       | US-PGPUB; USPAT        | ADJ | ON | 2009/09/14 16:46 |
| S18 | 7178    | 348/14\$.ccls.  | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/12 15:51 |

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| S20 | 3338 | 348/14.\$ccls.  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/09/12<br>15:51 |
| S30 | 15   | 348/14.\$ccls. and<br>((overlay or superimpos<br>\$) with (transparen\$ or<br>opacity or opaque)) and<br>@ay<="2003"  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/09/13<br>16:18 |
| S28 | 3    | 348/14.\$ccls. and<br>(change or adjust) with<br>(transparen\$ or opacity<br>or opaque) and<br>@ay<="2003" and<br>(overlay or superimpos<br>\$)   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/09/13<br>16:16 |
| S21 | 1020 | 348/14.\$ccls. and<br>(sharpen\$ or contrast or<br>edge)  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/09/12<br>15:52 |
| S26 | 2    | 348/14.\$ccls. and<br>(sharpen\$ or contrast or<br>edge) and ((adjust or<br>change) with (transparen<br>\$ or opacity or opaque))<br>and @ay<="2003" and<br>(overlay or superimpos<br>\$) | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/09/12<br>15:55 |
| S23 | 239  | 348/14.\$ccls. and<br>(sharpen\$ or contrast or<br>edge) and (transparen\$<br>or opacity or opaque)   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/09/12<br>15:53 |
| S24 | 141  | 348/14.\$ccls. and<br>(sharpen\$ or contrast or<br>edge) and (transparen\$<br>or opacity or opaque)<br>and @ay<="2003"  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/09/12<br>15:53 |
| S25 | 36   | 348/14.\$ccls. and<br>(sharpen\$ or contrast or<br>edge) and (transparen\$<br>or opacity or opaque)<br>and @ay<="2003" and<br>(overlay or superimpos<br>\$)                               | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/09/12<br>15:53 |
| S22 | 612  | 348/14.\$ccls. and<br>(sharpen\$ or contrast or<br>edge) and<br>@ay<="2003"   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/09/12<br>15:52 |
| S27 | 65   | 348/14.\$ccls. and<br>(transparen\$ or opacity<br>or opaque) and<br>@ay<="2003" and<br>(overlay or superimpos<br>\$)  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/09/13<br>16:14 |

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| S29 | 65   | 348/14.\$.\$cls. and (transparen\$ or opacity or opaque) and @ay<="2003" and (overlay or superimpos\$) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/13 16:17 |
| S19 | 205  | 348/14.1.ccls.   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/12 15:51 |
| S17 | 3233 | 348/14.??ccls.   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/12 15:51 |
| S16 | 0    | 348/14.??ccls.   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/12 15:51 |
| S15 | 0    | 348/14.ccls.   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/12 15:51 |
| S14 | 0    | 348/15.ccls.   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/12 15:51 |
| L10 | 2482 | 382/263-269.ccls.  | US-PGPUB; USPAT        | ADJ | ON | 2009/09/15 16:06 |
| L21 | 27   | 382/263-269.ccls. and edge map with threshold\$4   | US-PGPUB; USPAT        | ADJ | ON | 2009/09/15 17:09 |
| L11 | 33   | 382/263-269.ccls. and edge near3 map with threshold\$4   | US-PGPUB; USPAT        | ADJ | ON | 2009/09/15 16:06 |
| L13 | 3    | 382/263-269.ccls. and edge near3 map with threshold\$4 (image or map)                                  | US-PGPUB; USPAT        | ADJ | ON | 2009/09/15 16:13 |
| L12 | 1    | 382/263-269.ccls. and edge near3 map with threshold\$4 with combin\$                                   | US-PGPUB; USPAT        | ADJ | ON | 2009/09/15 16:06 |
| L23 | 14   | 382/266.ccls. and edge map with threshold\$4   | US-PGPUB; USPAT        | ADJ | ON | 2009/09/15 17:23 |
| L22 | 3    | 382/269.ccls. and edge map with threshold\$4   | US-PGPUB; USPAT        | ADJ | ON | 2009/09/15 17:22 |
| L19 | 9    | edge near3 map with combin\$ same threshold\$4 and @ay<="2003" and "382".clas.                         | US-PGPUB; USPAT        | ADJ | ON | 2009/09/15 17:07 |
| L20 | 2    | edge near3 map with combin\$ same threshold\$4 and @ay<="2003" and "382/260-269".ccls.                 | US-PGPUB; USPAT        | ADJ | ON | 2009/09/15 17:08 |
| L17 | 0    | edge near3 map with threshold image and @ay<="2003"  | US-PGPUB; USPAT        | ADJ | ON | 2009/09/15 16:36 |
| L15 | 0    | edge near3 map with threshold\$4 (image or map) and @ay<="2003"  | US-PGPUB; USPAT        | ADJ | ON | 2009/09/15 16:36 |

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| L16 | 116    | edge near3 map with threshold\$4 and @ay<="2003"   | US-PGPUB; USPAT                                    | ADJ | ON | 2009/09/15 16:36 |
| L18 | 80     | edge near3 map with threshold\$4 and @ay<="2003" and "382".clas.   | US-PGPUB; USPAT                                    | ADJ | ON | 2009/09/15 17:07 |
| L26 | 5      | edge near3 map with threshold\$4 image   | US-PGPUB; USPAT                                    | ADJ | ON | 2009/09/15 17:43 |
| S3  | 0      | ep0777384  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/12 15:28 |
| L5  | 15     | I4 and (virtual reality or avatar or model)  | US-PGPUB; USPAT                                    | ADJ | ON | 2009/09/15 15:24 |
| L6  | 7      | I4 and (virtual reality or avatar)   | US-PGPUB; USPAT                                    | ADJ | ON | 2009/09/15 15:24 |
| S39 | 9      | S38 and (transparen\$ or opacity or opaque)  | US-PGPUB; USPAT; USOCR                             | ADJ | ON | 2009/09/14 15:42 |
| S41 | 9      | S40 and (transparen\$ or opacity or opaque) and @ay<="2003" and (overlay or superimpos \$) and (network or conferenc\$)  | US-PGPUB; USPAT; USOCR                             | ADJ | ON | 2009/09/14 16:48 |
| S48 | 4      | S47 and S45  | US-PGPUB; USPAT; USOCR                             | ADJ | ON | 2009/09/14 16:56 |
| S47 | 895309 | transparen\$ or opacity or opaque  | US-PGPUB; USPAT; USOCR                             | ADJ | ON | 2009/09/14 16:56 |
| L9  | 30     | unsharp mask and conferenc\$   | US-PGPUB; USPAT                                    | ADJ | ON | 2009/09/15 15:40 |
| L8  | 0      | unsharp mask and video conferencing  | US-PGPUB; USPAT                                    | ADJ | ON | 2009/09/15 15:39 |
| S9  | 61     | US-20040140973-\$.DID. OR US-20040150712-\$.DID. OR US-20040196360-\$.DID. OR US-20040257431-\$.DID. OR US-20050024489-\$.DID. OR US-20050041840-\$.DID. OR US-20050128332-\$.DID. OR US-20050146598-\$.DID. OR US-20060007222-\$.DID. OR US-20060075448-\$.DID. OR US-3495908-\$.DID. OR US-4928301-\$.DID. OR US-4987492-\$.DID. OR US-5194955-\$.DID. OR US-5572248-\$.DID. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/12 15:35 |

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| OR US-5639151-\$.DID. |
| OR US-5777665-\$.DID. |
| OR US-5999207-\$.DID. |
| OR US-6160573-\$.DID. |
| OR US-6243130-\$.DID. |
| OR US-6275251-\$.DID. |
| OR US-6400903-\$.DID. |
| OR US-6611281-\$.DID. |
| OR US-6710797-\$.DID. |
| OR US-6771303-\$.DID. |
| OR US-6888562-\$.DID. |
| OR US-6894714-\$.DID. |
| OR US-6901448-\$.DID. |
| OR US-7015594-\$.DID. |
| OR US-7034866-\$.DID. |
| OR US-7048386-\$.DID. |
| OR US-9494021-\$.DID. |

**9/ 15/ 2009 6:28:41 PM**

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